

Date: Wednesday, 3/12/2008 1:41:42 PM
 User: Kim Johnston

Process Sheet

Customer	CU-DAR001 Dart Helicopters Services		Drawing Name	: TUBE		
Job Number	37850					
Estimate Number	11172					
P.O. Number	:		Part Number	: D22827		
This Issue	3/12/2008	S.O. No. :	Drawing Number	: D2282 REV E		
Prsht Rev.	NC		Project Number	: N/A		
First Issue	/ /	Type :	Drawing Revision	: E		
Previous Run	35638		Material	:		
Written By	:		Due Date	4/4/2008	Qty:	200
Checked & Approved By	:		Um:	Each		
Comment	: Est Rev:A		Removed from 9 Digit	05-12-02	JLM	

Additional Product

Job Number:



Seq. #: Machine Or Operation: Description :

1.0 M304TR0675W091 304 RD Tube .675 x .091W



Comment: Qty.: 0.0699 f(s)/Unit Total : 13.9860 f(s)

Material: T304/T316 3/8 Schedule 40, Seamless, Ø0.675" OD, 0.091" wall thickness

(M304TR0.675W.091) *8x177Pcs*Batch *M105223* / *M19524 X37pcs*

J.F. 08/04/16 (214)

2.0 HARDINGE HARDINGE CNC LATHE SMALL



Comment: HARDINGE CNC LATHE SMALL

1-Turn as per Dwg D2282 and Folio FA190

2-Deburr

J.F. 08/04/16 (214)

3.0 QC2 INSPECT PARTS AS THEY COME OFF MACHINE



Comment: INSPECT PARTS AS THEY COME OFF MACHINE

J.F. 08/04/16 (214)

4.0 QC8 SECOND CHECK



Comment: SECOND CHECK

J.L. 08/04/16

5.0 PACKAGING 1 PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock

Location: *PAT Avail.*

J.S. 08/04/17 (214)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Wednesday, 3/12/2008 1:41:43 PM
User: Kim Johnston

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: TUBE

Job Number: 37850

Part Number: D22827

Job Number:



Seq. #: Machine Or Operation:

Description :

6.0 QC21

FINAL INSPECTION/W/O RELEASE



08/04/18 HJ

Comment: FINAL INSPECTION/W/O RELEASE

Job Completion



mf 08-04-17

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

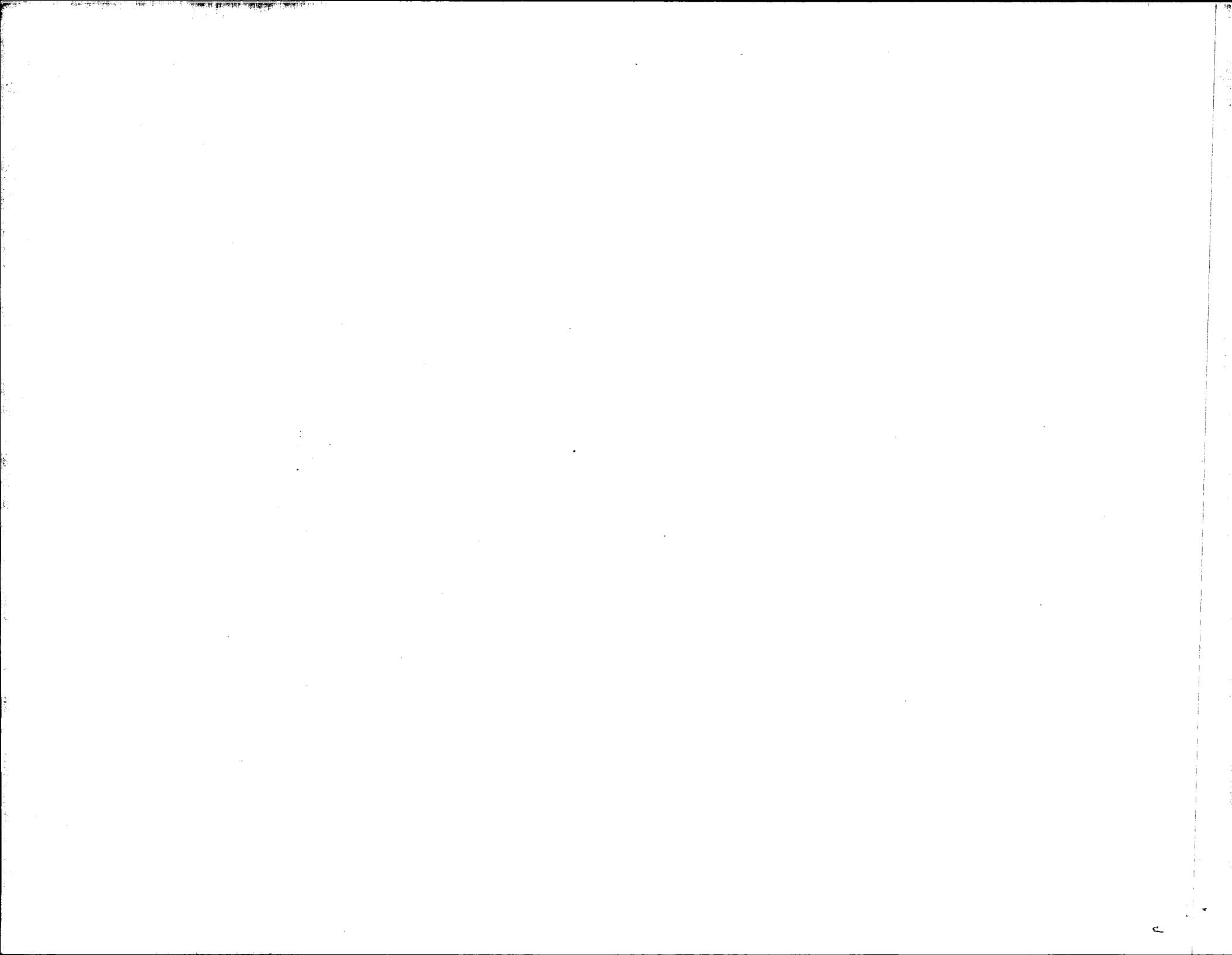
DART AEROSPACE LTD	Work Order:	37850
Description: Handle Tube	Part Number:	D2282-7
Inspection Dwg: D2282	Rev: E	Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

X First Article Prototype

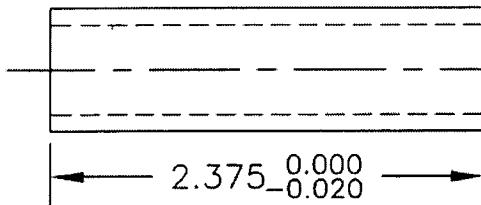
Measured by:	J.F.	Audited by:	J.L.	Prototype Approval:	N/A
Date:	08/04/16	Date:	08/04/16	Date:	N/A

Rev	Date	Change	Revised by	Approved
A	03.11.11	New Issue P/O D350-615-041	KJ/RF	
B	05.04.19	0.795 was 0.750	KJ/JLM	
C	06.03.15	Dwg Rev update	KJ/JLM	
D	07.07.17	Dimensions added per Dwg Rev. E	KJ/JLM	LG EB

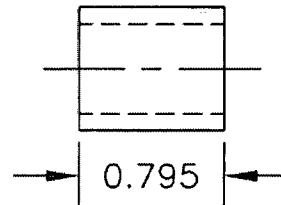




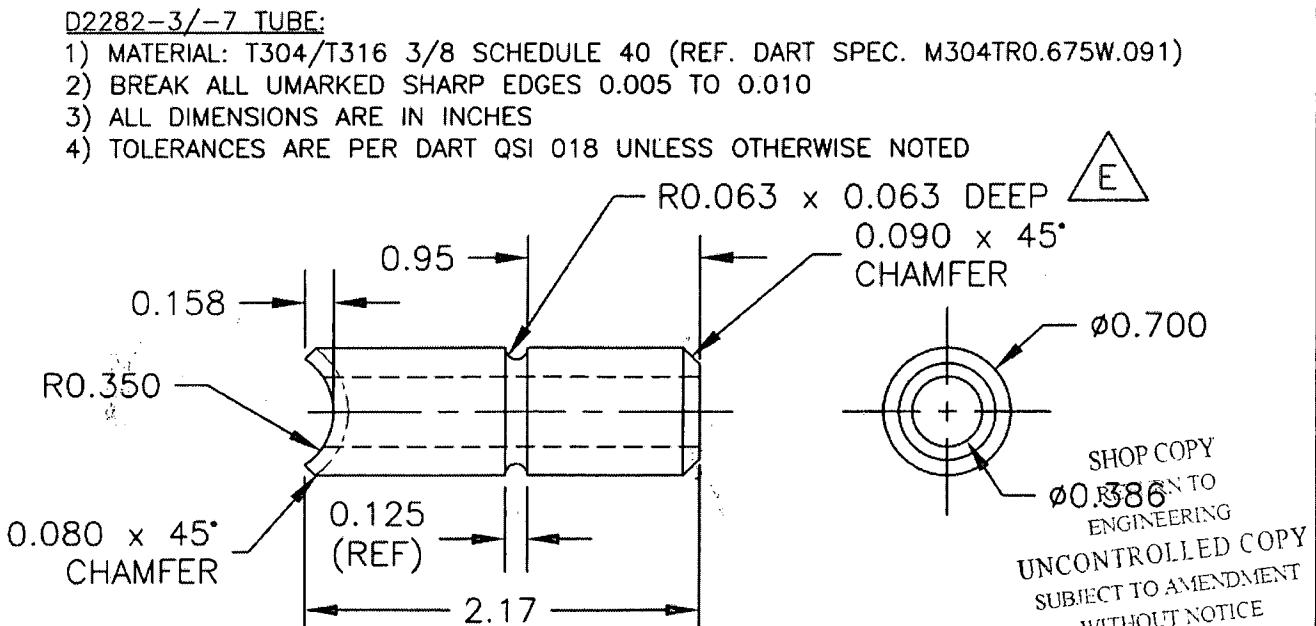
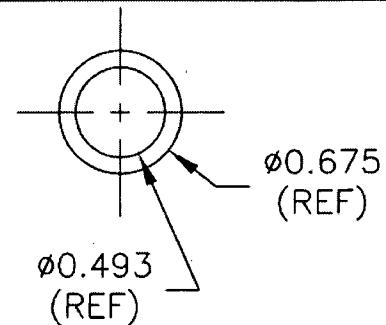
DESIGN BW	DRAWN BY <i>FB</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>IP</i>	APPROVED <i>1000</i>	DRAWING NO. D2282	REV. E SHEET 1 OF 2
DATE 05.06.07		TITLE HANDLE TUBES	SCALE 1:1
A	94.10.14	NEW ISSUE	
B	95.03.23	RE-DESIGN	
C	97.10.20	CORRECTED NUMBERING SCHEME	
D	05.03.16	REDESIGN D2282-5; 0.795 WAS 0.750	
E	05.06.07	D2282-5 304 SS WAS 303 SS; R0.063 x 0.063 WAS R0.080 x 0.030	



D2282-3



D2282-7



D2282-5



D2282-5 STEM:

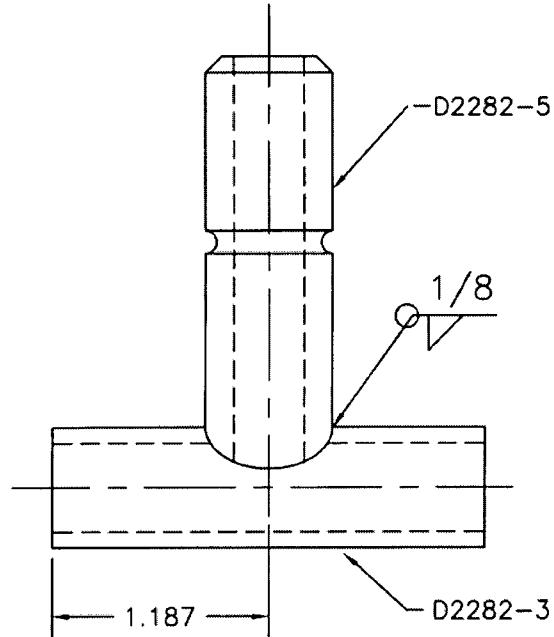
- 1) MATERIAL: AISI 304 STAINLESS STEEL (REF. DART SPEC. M304R0.750)
- 2) BREAK ALL UNMARKED SHARP EDGES 0.005 TO 0.010
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

Copyright © 1994 by DART AEROSPACE LTD

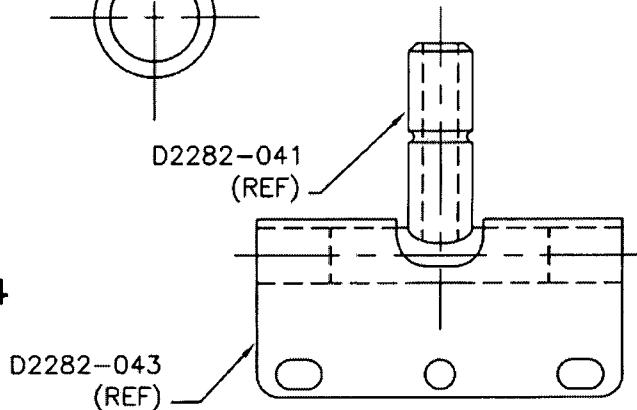
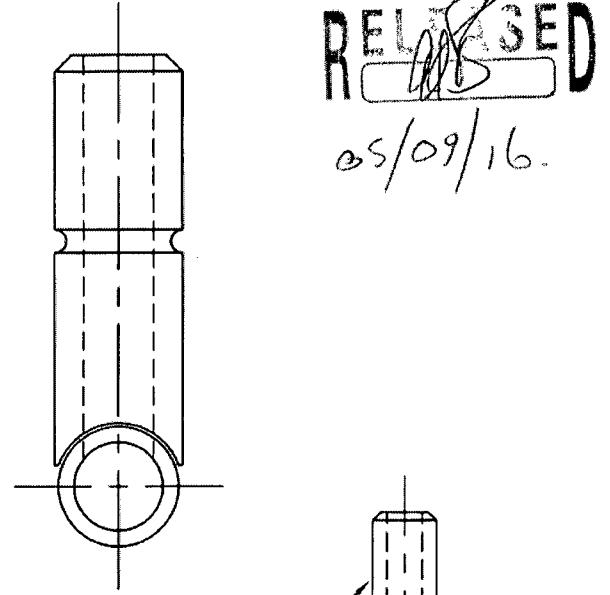
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

DART

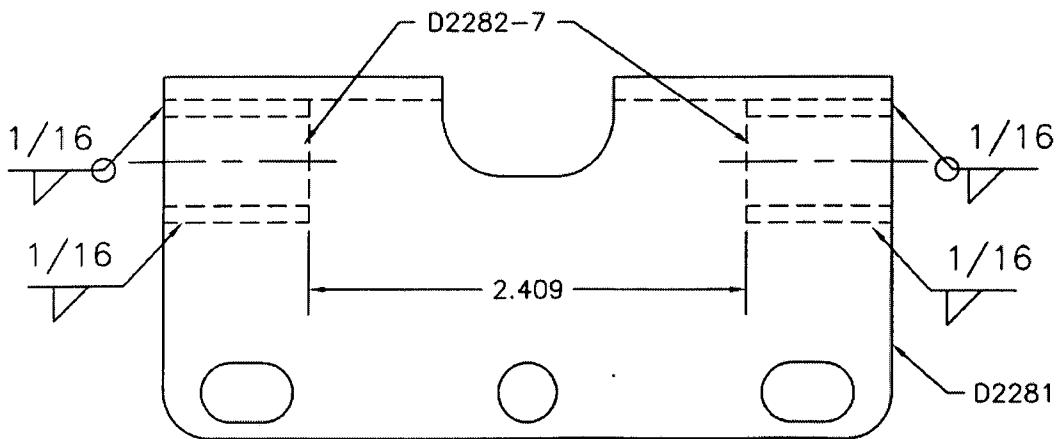
DESIGN BW	DRAWN BY <i>RF</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>UP</i>	APPROVED <i>AB</i>	DRAWING NO. D2282	REV. E SHEET 2 OF 2
DATE 05.06.07		TITLE HANDLE TUBES	SCALE 1:1



D2282-041 'T' ASSEMBLY
WELD ASSEMBLY PER DART QSI 004



GENERAL ASSEMBLY
SCALE 1:2



D2282-043 SADDLE ASSEMBLY
WELD ASSEMBLY PER DART QSI 004

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. *37850*